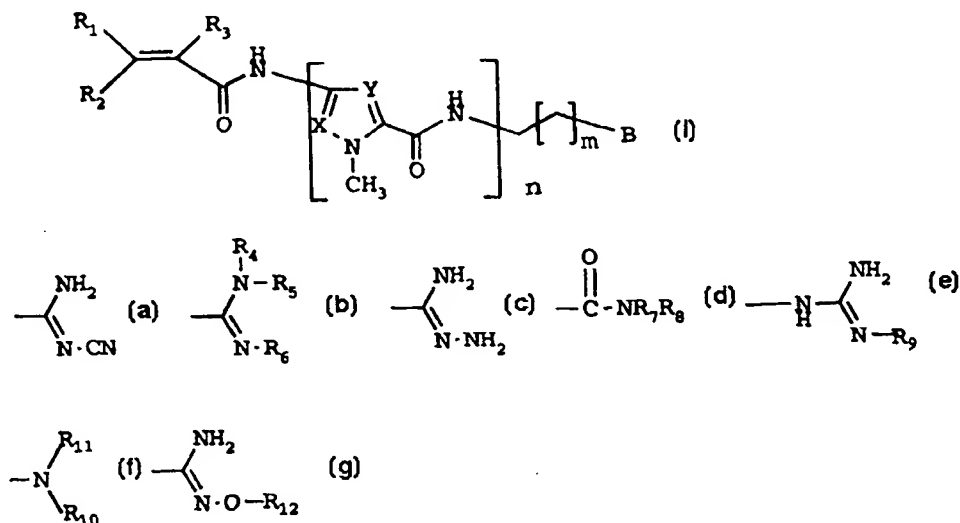




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(54) Title: ACRYLOYL DERIVATIVES ANALOGOUS TO DISTAMYCIN, PROCESS FOR PREPARING THEM, AND THEIR USE AS ANTITUMOR AGENTS



(57) Abstract

Compounds which are acryloyl substituted distamycin derivatives of formula (I) wherein: n is 2, 3 or 4; m is 1 or 2; X and Y are the same or different and are selected, independently for each heterocyclic ring of the polyetherocyclic chain, from N and CH; R₁ and R₂, which are the same or different, are selected from hydrogen, halogen, and C₁-C₄ alkyl; R₃ is hydrogen or halogen; B is selected from (a), (b), (c), (d), (e), (f), (g) and -C≡N; wherein R₄, R₅, R₆, R₇, R₈, R₁₀, R₁₁, and R₁₂ are, independently from each other, hydrogen or C₁-C₄ alkyl; and R₉ is hydrogen or hydroxy; or pharmaceutically acceptable salt thereof; provided that a) at least one of R₄, R₅ and R₆ is alkyl; b) at least one of the heterocyclic rings within the polyetherocyclic chain is other than pyrrole; and c) X and Y are not both N for the same heterocyclic ring; are useful as antitumor agents.